



# NCDOT/Contractor Joint Training Workshop

## FHWA FOCUS AREAS



# OUTLINE

- EVERY DAY COUNTS (EDC)
- Contract Administration
  - Disadvantaged Business Enterprise (DBE)
  - Billing Reviews
  - Project Close out
- Federal Highway Funding



# What is Every Day Counts (EDC)?

- Envisioned by FHWA Administrator
- Joint FHWA / AASHTO Initiative
- Partnership
- Rapid deployment of priority technology and practices
- Performance metrics to gauge achievements
- Development of internal network to deploy future technology





# Timeline of EDC Deployment

- Oct. 5 - Regional EDC Summit
- Oct. 22 - NC EDC Implementation Team formed and nine initiatives selected
- Nov. 8 - EDC Initiative Teams identified
- Jan. 7 - Draft Implementation Plans developed
- Feb/Mar – Engage partners as appropriate, finalize plans, and implement



# What are the EDC Initiatives?

## Accelerating Technology Deployment

1. Warm Mix Asphalt
2. Prefabricated Bridge Elements and Systems
3. Adaptive Signal Control Technology
4. Safety Edge
5. Geosynthetic Reinforced Soil Embankments

## Accelerated Project Delivery

10. Design Build
11. Construction Manager /General Contractor

## Shortening Project Delivery

1. Planning and Environmental Linkages
2. Legal Sufficiency Enhancements
3. Expanding Use of Programmatic Agreements
4. Use of In-Lieu Fee
5. Use of Mitigation Banking
6. Clarifying the Scope of Preliminary Design
7. Flexibilities in Right of Way
8. Flexibilities in Utility Accommodations and Relocations
9. Enhanced Technical Assistance on Delayed EISs



# Selected EDC Accelerating Technology Initiatives

- Warm Mix Asphalt
- Precast Bridge Elements
- Adaptive Traffic Control Technology
- Safety Edge
- Geosynthetic Reinforced Soil







# Warm Mix Asphalt

## Key Activities in Draft Implementation Plan

- Expanding use
- Research WMA MEPDG inputs
- Pilot WMA on Interstate Routes





# Prefabricated Bridge Elements and Systems

## Key Activities in Draft Implementation Plan

- Maintain existing program
- Develop a documented decision making guideline
- Create catalog of successful prefab details
- Evaluate upcoming projects for using complete prefab systems







# Safety Edge

## Key Activities in Draft Implementation Plan

- Use safety edge on resurfacing projects in select counties
- Evaluate for safety and maintenance benefits





# National DBE Program Emphasis and DBE Participation on Economic Recovery Act Projects

- Carolina AGC/NCDOT Meeting
- July 22, 2010



# DBE Program Emphasis

- December 7 letter (USDOT Secretary of Transportation to NC Governor)
- May 4 letter (FHWA Administrator to NCDOT Secretary)
  - Review and correct errors in Recovery Act Data
  - Analyze gaps
  - Provide plan for closing gaps



# •DBE Program Emphasis

## Charge of FHWA Division Offices

- Visible and engaging leadership
- Analyze data
- Develop plan and strategies for gaps
- Employ opportunities to outreach, educate, and increase participation



# What is the Status of DBE Participation

- NCDOT Annual DBE Program Goal is 13%
  - Race Conscious portion 10.6%
  - Race Neutral 2.4%
- DBE Commitments for Recovery Act Projects 8.4%





# DBE Race Conscious Participation on Recovery Act Contracts

	<b>Contract Amount</b>	<b>Contract Goal</b>	<b>Contract Commitment</b>
Central Let	\$878.4	8.8%	8.7%
Division Let	\$45.3	4.2%	6.7%
Local Let	\$44.0	6.7%	11.5%
Total	\$968.6	8.6%	8.8%



# Recovery Act Contracts Awarded on Good Faith Effort

	Number Contracts	Number GFE	Percent
Central Let	154	20	13.0%
Division Let	152	3	1.2%
Local Let	120	2	1.7%
Total	462	25	5.4%



# Form 1585 DBE Data Analysis

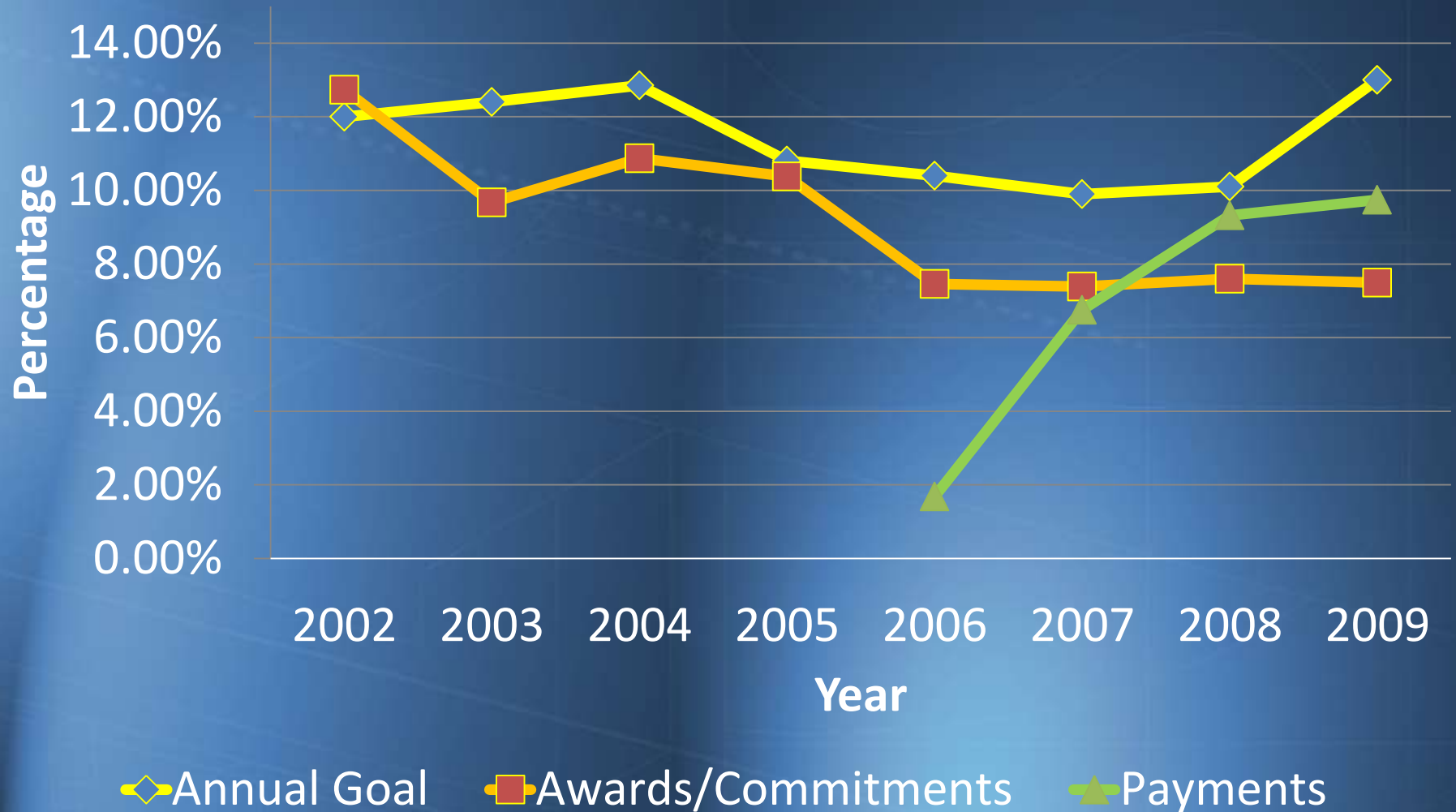
## MONTHLY RECIPIENT STATUS REPORT AMERICAN RECOVERY AND REINVESTMENT ACT of 2009

### PROJECT DATA

27. Contractor Name	15. Work Completion Date	Contract Amount 17. Total Funds (\$)	18. DBE Goal %	18.5 DBE Goal (\$)	19. DBE Commitment %	19.5 DBE Commitment (\$)	20. DBE Actual Pymts (\$)	20.5 DBE Actual Pymts (%)	21. Actual Payments Made (\$)	23. Percent Complete (Progress)	Commits >	Payments >	Payments >
											Goal?	Goal?	Commits?
											1=Y, 0=N	1=Y, 0=N	1=Y, 0=N
Adams Construction Company	03/30/2010	2,010,055	8.0	160,804.4	8.60	172,864.73	173,875.00	8.65		Complete	1	1	1
Adams Construction Company		2,823,682	5.0	141,184.1	13.50	381,197.07	677,341.63	23.99		100.00%	1	1	1
Adams Construction Company	07/06/2010	1,129,959	4.0	45,198.4	4.10	46,328.32	51,800.62	4.58		Complete	1	1	1
				347,186.3		600,390.12	903,017.25				1	1	1
Albemarle & Associates, LTD	07/18/2010	30,000	0.0	0.0	0.00	0.00	0.00	0.00	25,692.08	Complete	1	1	1
Allison Landscaping	03/17/2010	55,000	2.0	1,100.0	4.42	2,431.00	2,250.00	4.09	68,135.21	Complete	1	1	0
Allison Landscaping LLC	05/26/2010	19,810.5	5.0	9,905.3	5.18	10,261.84	10,175.50	5.14	209,090.26	Complete	1	1	0
				11,005.3		12,692.84	12,425.50				1	1	0
ALS of North Carolina, Inc.	06/28/2010	80,166	0.0	0.0	0.00	0.00	0.00	0.00	26,678.00	100.00%	1	1	1
Apac-Atlantic, Asheville Division		1,970,105	8.0	157,608.4	8.55	168,443.98	183,926.98	9.34		100.00%	1	1	1
APAC-Atlantic, Inc Asheville Division	11/02/2009	2,596,554	2.0	51,931.1	2.11	54,787.29	203,894.81	7.85		Complete	1	1	1
				209,539.5		223,231.27	387,821.79				1	1	1
APAC-Atlantic, Inc Thompson Arthur Division	09/11/2009	1,206,522	7.0	84,456.5	7.03	84,818.50	164,995.37	13.68		Complete	1	1	1
APAC-Atlantic, Inc Thompson Arthur Division		2,314,501	8.0	185,160.1	8.03	185,854.43	356,639.48	15.41		100.00%	1	1	1
APAC-Atlantic, Inc Thompson Arthur Division	01/06/2010	2,943,288	6.0	176,597.3	6.01	176,891.61	238,626.75	8.11		Complete	1	1	1
APAC-Atlantic, Inc Thompson Arthur Division		2,805,322	9.0	252,479.0	9.04	253,601.11	334,702.75	11.93		Complete	1	1	1
APAC-Atlantic, Inc Thompson Arthur Division		1,699,731	8.0	135,978.5	8.10	137,678.25	129,186.95	7.60		100.00%	1	0	0
		10,969,364		834,671.4		838,843.89	1,224,151.30				1	1	1
Applied Polymerbs, Inc.	03/19/2010	29,997	0.0	0.0	0.00	0.00	0.00	0.00	38,858.55	Complete	1	1	1
Applied Polymerbs, Inc.	05/09/2010	235,692	0.0	0.0	0.00	0.00	0.00	0.00	185,022.29	Complete	1	1	1
Applied Polymerbs, Inc.	01/28/2010	25,712	0.0	0.0	0.00	0.00	0.00	0.00	12,983.00	Complete	1	1	1
Applied Polymerbs, Inc.	03/04/2000	137,130	0.0	0.0	0.00	0.00	0.00	0.00	106,154.30	Complete	1	1	1
AR Chesson Construction Co., Inc.	05/21/2010	181,769	3.0	5,453.1	10.80	19,631.05	19,510.92	10.73	242,728.04	Complete	1	1	0
AR Chesson Construction Company, Inc.	04/13/2010	23,000	0.0	0.0	0.00	0.00	0.00	0.00	23,000.00	Complete	1	1	1
AR Chesson Construction Company, Inc.	04/13/2010	22,400	0.0	0.0	0.00	0.00	0.00	0.00	22,400.00	Complete	1	1	1
				5,453.1		19,631.05	19,510.92				1	1	0
Arcadis G&M of NC	06/10/2010	2,650	0.0	0.0	0.00	0.00	0.00	0.00	2,722.82	Complete	1	1	1
Arcadis G&M of NC	06/08/2010	12,562	0.0	0.0	0.00	0.00	0.00	0.00	11,607.74	Complete	1	1	1
ASJ Wilson Construction	05/12/2010	94,693	5.0	4,734.7	100.00	94,693.00	75,922.92	80.18	75,922.92	Complete	1	1	0
ASJ Wilson Construction	06/29/2010	52,252	3.0	1,567.6	100.00	52,252.00	47,992.70	91.85	47,992.70	Complete	1	1	0
				6,302.2		146,945.00	123,915.62				1	1	0
Asphalt Experts, Inc.	06/30/2010	69,864	5.0	3,493.2	5.80	4,052.11	7,089.50	10.15	108,719.99	100.00%	1	1	1
Asphalt Experts, Inc.	10/07/2010	297,551	6.0	17,853.0	6.72	19,995.41	35,632.50	11.98	323,367.19	Complete	1	1	1



# North Carolina DOT DBE Participation/Payment Summary





# Commercially Useful Function (CUF)

## National Review Team findings

- DBE CUF trucking investigations
- NCDOT's development and use of CUF checklist
- FHWA CUF process review





# Billing Transactions Reviews

- Focus Area - Projects Administered by local agencies
- Documentation
- Record Retention



# Project Close out

- Release inactive Federal funds on completed projects
- Project record are retained 3 years from the final voucher

# **FY 2012 President's Budget**

A series of horizontal lines in teal and light blue colors, with some lines having a stepped or staggered appearance, spanning the width of the slide.

**Released  
February 14, 2011**

# Surface Transportation Summary

- Administration's surface transportation reauthorization proposal is the centerpiece of the FY 2012 budget.
- Provides \$556 billion, six-year proposal to improve the Country's highways, transit, and rail infrastructure and to ensure that these systems are safe.
- Includes \$50 billion "Up-Front" economic boost that would foster job creation.

# Surface Transportation Summary

- Proposes four broad goals:
  - Strengthening our infrastructure.
  - Spurring innovation.
  - Ensuring safety.
  - Reforming government and exercising responsibility.



# FHWA Summary

- Budget request represents first year of Administration's surface transportation reauthorization proposal
  - \$336 billion from FY 2012-2017 for highway programs
  - 48% increase over SAFETEA-LU
- FHWA FY 2012 budget request is \$70.5 billion
  - \$42.8 billion plus \$27.7 billion “up front” funding

# Highlights

- Proposal provides funding to:
  - Modernize our highway system and create jobs.
  - Focus investment on safety, state of good repair, and livability.
  - Establish a performance-based highway program.
  - Encourage innovations that will shorten project delivery and accelerate the deployment of new technologies.
  - Simplify the highway program structure by consolidating over 55 programs to 5 core programs.

# FY 2012 Overview

- Core Federal-aid highway programs
  - Safety (\$2.5 billion)
  - National Highway Program (\$32.4 billion)
  - Livable Communities (\$4.1 billion)
  - Federal Allocation (\$1.4 billion)
  - Research, Technology, & Education (\$641 million)
- Transportation Leadership Awards (\$1.3 billion)
- “Up-Front” Funding (\$27.7 billion)
- Administrative Expenses (\$441 million)

# Enhanced National Highway System

- Redefines the NHS as 220,000-mile network that includes:
  - Interstate System.
  - All principal arterials.
  - Intermodal connectors.
  - Other roads important to strategic defense policy.
- Expands network that would carry 55% of all traffic and 97% of all truck-borne freight.
- Consistently defined network of national interest that would operate as a cohesive highway system to support interstate commerce and economic competitiveness.

# “Up-Front” Funding

- Provides an economic boost to the highway program to jump-start job creation and progress on highway and bridge projects, including:
  - \$25 billion to fund investment in critical highway infrastructure on the enhanced National Highway System.
  - \$2.2 billion funds support of significant improvements at land ports of entry (LPOEs) facilities.
  - \$450 million for Transportation Infrastructure Finance and Innovation Act (TIFIA).
  - Priority on state of good repair.
  - Federal share up to 100%.



# For More Information

- DOT/FHWA Budget Highlights:  
<http://www.dot.gov/budget/2012/fy2012budgethighlights.pdf>
- FHWA Congressional Justification:  
<http://www.dot.gov/budget/2012/budgetestimates/fhwa.pdf>
- President's Budget (DOT/FHWA overview and detailed budget account information):  
<http://www.whitehouse.gov/omb/budget/Overview>

